

Reactions of allenylphosphonates with 1,2-diaminoethane

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Abstract

The reactions of dialkyl 3-methylbuta-1,2-dien-1-ylphosphonates with 1,2-diaminoethane lead to the formation of symmetrical N,N'-bis(1- dialkoxyphosphoryl-3-methylbut-1-en-2--l)-1,2-diaminoethanes. © 2012 Springer Science+Business Media New York.

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Keywords

1,2-diaminoethane, allenes, allenylphosphonates, enamines, imines, organophosphorus compounds, tautomerism